

Abstract of the Disclosure

The present invention allows transmission of multiple signals between masthead electronics and base housing electronics in a base station environment. At least some of the received signals from the multiple  
5 antennas are translated to being centered about different center frequencies, such that the translated signals may be combined into a composite signal including each of the received signals. The composite signal is then sent over a single feeder cable to base housing electronics, wherein the received  
10 signals are separated and processed by transceiver circuitry. Prior to being provided to the transceiver circuitry, those signals that were translated from being centered about one frequency to another may be retranslated to being centered about the original center frequency.